

The Question of Nitrogen in Technical Iron,
III. Precipitation (Separation) of H_2 and
C From Alpha-Iron as an Example of the
Decomposition of a Solid Solution Supersaturated
With Both Components, by Werner Koster, 7 p.

GERMAN, per, Arch fur Eisenhuten, 1930,
Vol IV, No 3, pp 145-150.

SLA 59-20228

Sci
Mar 60
Vol 2, No 11

109,646

Lüth, Friedrich. THE MOISTURE IN INDUSTRIAL GASES. II. APPLICATION OF THE MOISTURE CALCULATION. [Sep 48] [23]p. 26 refs. Order from SIA ml\$2.70, ph\$4.80 Trans. of Archiv für das Eisenhüttenwesen (Germany) 1930, v. 4 [no. 4] p. 183-192. 142,800 (Unannounced)	60-18269 1. Gases--Moisture content 2. Gases--Cleaning 1. Lüth, F. II. Title: Application... Office of Technical Services
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^
Tests on Heat Transfer in Rolling-mill Furnaces with Regard to the Heating of Ingots, by A. Schack, 18 pp.

GERMAN, per, Arch Eisenhüttenwesen, Vol IV, No 7, Jan 1931, pp 333-342.

SLA 57-3228

Sci

Aug 58

72,572

On the Nitriding of Iron and Iron Alloys, by
W. Eilender.

GERMAN, per, Arch Eisenhüttenw, Vol 4, 1931,
pp 343-352.

*NTIS/NBS TT 71-55189

Available NBS Only

June 71

Rummel, Kurt.

THE CALCULATION OF THE HEAT ACCUMULATOR.

[1963] 21p (figs omitted) 19refs

Order from SLA \$2.60

63-20252

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1931, v. 4, no. 8, p. 367-374 (Verein Deutscher
Eisenhüttenleute (Germany). Bericht-147).

DESCRIPTORS: *Furnaces, *Heaters, Heat exchangers,
Partial differential equations, Heat transfer, Iron
industry, Steel industry.

(Metallurgy, TT, v. 10, no. 10)

63-20252

- I. Rummel, K.
- II. Verein... Bericht-147

Office of Technical Services

63-16738

Diepschlag, Ernst and Horn, Ernst.
CONCERNING THE CONVERSION OF IRON SULFIDE,
MANGANESE SULFIDE AND CALCIUM SULFIDE
WITH THE OXIDES OF IRON AND THE SIDE RE-
ACTIONS TAKING PLACE (Über die Umsetzungen von
Eisensulfid, Mangansulfid und Kalziumsulfid mit den
Oxyden des Eisens and Dabei Auftretende Nebenreak-
tionen). [1963] [26]p. (foreign text included) 30 refs.
Order from SLA \$2.60 63-16738

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1931, v. 4, no. 8, p. 375-382.

DESCRIPTORS: Chemical reactions, Iron, Oxides,
*Sulfides, *Calcium compounds, *Manganese com-
pounds, *Iron compounds.

(Metallurgy, TT, v. 10, no. 8)

I. Diepschlag, E.
II. Horn, E.

Office of Technical Services

Sauerwald, F.
THE PRESENT STATUS OF THE INVESTIGATIONS
INTO THE EQUILIBRIUM SYSTEMS IN STEEL
MAKING. [1963] [43]p. [refs. omitted].
Order from SLA \$4.60

63-16774

Trans. of Archiv f[ür das] Eisenhüttenwesen (Germany)
1932, v. 5, Jan, p. 335-366.

DESCRIPTORS: *Steel, *Smelting, Chemical equilibrium, Iron, Oxides, Calcium, Carbon, Silicon, Manganese, Phosphorous, Sulfur, Slags.

(Metallurgy--Ferrous Metals, TT, v. 10, no. 7)

63-16774

I. Sauerwald, F.

Office of Technical Services

Internal Stresses in the Heat Treating of Steel, by
H. Buhler, H. Buchholz, E. H. Schulz.

GERMAN, per, Archiv Eisenhüttenwesen, Vol V, No 8,
1932.

Brutcher Tr No 1927

16, 704

Scientific - Min/Metals

\$7.35

Residual Stresses in the Heat-Treatment of Steel
by Hans Buhler, Herbert Buchholz, Ernest Hermann
Schulz, 11 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen, 1932.
Vol V, No 8, pp 413-418.

SIA 59-20595

Sci
Mar 60
Vol 3, No 1

118,000

Schafmeister, Paul and Gotta, Andrew.
CORROSION TESTS WITH COLD ROLLED ACID
PROOF CHROME NICKEL STEEL; TESTS ON TWO
RUSTLESS STEELS, ONE OF WHICH HAS A Mo
CONTENT OF 2.8%, IN 13 AND 51% SULPHURIC
ACID. [1960] 12p.

Order from SLA mi\$2.40, ph\$3.30 61-10780

Trans. of Archiv f[ur das] Eisenhüttenwesen (Germany)
1932, v. 5 [no. 8] p. 427-430.

(Unannounced)

61-10780

- I. Steel--Corrosion
- I. Schafmeister, P.
- II. Gotta, A.
- III. Title: Tests...

101754

Office of Technical Services

The System Iron-Cobalt-Tungsten, by Werner Koester,
Willi Tonn, 13 p.

GERMAN, per, Arch fur das Eisenhuttenwesen, 1932,
Vol V, No 8, pp 431-440.

SLA 59-20229

Sci
Mar 60
Vol 2, No 11

109,643

Neumann, Gustav.
EFFECTIVE HEAT REQUIREMENT OF A FURNACE.
I. THE EFFECTIVE HEAT REQUIREMENT⁴. Rept.
no. 160, Group D/85 of the Wärmestelle [Fuel Section]
of the [Verein Deutscher Eisenhüttenleute]. [1961]
{9}p. 11 refs.
Order from SLA \$1.10

61-18496

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1931/32, v. 5, Mar, p. 471-475.

DESCRIPTORS: Combustion chamber, Heat transfer,
*Fuel consumption, Measurement, *Fuels.

(Unannounced)

61-18496

I. Neumann, G.
II. Title: Effective...
III. Title: Verein...

184067

Office of Technical Services

Precipitation Hardening of 18-8 Steel by Additions of Beryllium, Boron, or Titanium and Effect on Corrosion Resistance, by H. Bannek, P. Schafmeister.

GERMAN, per, Archiv Eisenhüttenwesen, Vol V, No 12, 1932.

Brutcher Tr 64

12,695

Scientific - Min/Metals

4
\$4.50

Precipitation Hardening of 18-8 Steel by Additions
of Beryllium, Boron, or Titanium and Effect on
Corrosion Resistance, by H. Bennek, P. Schafmeister

GERMAN, per Archiv Eisenhüttenwesen, Vol V, No 12,
1932.

Brutcher Tr No 84

Scientific - Min/Metals

\$4.40

13,987

On the Problem of Basic Open-Hearth Slags, by A.
Klaus, N. Wark

GERMAN, per, Archiv Eisenhüttenwesen, Vol V, No 12,
1931 - 1932, pp 603-606.

Brutcher Tr 149

11,410

Scientific - Minerals/Metals

CTS/DEX:

Price \$2.25

Combined Action of Thermal Stresses and Transformation
Stresses in Quenched Steels, by H. Buhler, E. Scheil.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VI, 1933.

Brutcher Tr No 1026

16,731

Scientific - Geophysics

\$5.90

Investigations into the Growth of Cast Iron, by
E. Scheil, UNCLASSIFIED

GERMAN, Archiv Eisenhütten, Vol VI, 1932 - 1933,
No 2, pp 61-67.

Brutcher Order No 92
Price \$2.20

Scientific - Metallurgy

470

The Iron-Cobalt-Chromium System, by W. Koster.
GERMAN, per, Archiv fuer Eisenhüttenwesen, Vol VI,
1932, pp 113-116.
NASA TT F-9069

Sci-Mat & Met
Oct 64
U.S. GOVERNMENT ONLY

267,570

Solubility of Hydrogen in Some Metals and Alloys,
by L. Luckemeyer-Hasse and H. Schenck,
UNCLASSIFIED

GERMAN, Archiv Eisenhütten-Wesen, Vol 6, 1932-
1933, No 5, pp ~~209~~ 209-214.

Brutcher Order No 107

Scientific - Metallurgy, iron, chromium, nickel,
manganese, alloys

Determination of Residual Stresses in Steel Cylinders on
the Basis of Stress-Time Curves, by H. Buchholz,
H. Buhler.

GERMAN, per, Archiv Fur Das Eisenhüttenwesen, Vol VI,
1932-1933, pp 253-256.

Brutcher Tr-No 122

16, 710

Scientific - Min/Metals

\$4.00

Influence of Tempering Temperature and Duration
Upon the Residual Stresses in the Heat Treatment,
of Steel, by Herbert Buchholz, Hans Sailer, 8 p.

GERMAN, per, ~~Archiv für das Eisenhüttenwesen~~, 1932,
Vol VI, No 6, pp 247-251.

SIA 59-20597

Sci
Mar 60
Vol 3, No 1

110,996

Determination of Inherent Stresses by Measuring
Deformations of Drilled Holes, by Josef Mathar

GERMAN, per, Archiv fur das Eisenhutenwesen, Vol VI,
No 7, 1932 - 1933, pp 277-281.

S.L.A. Tr Pool

Scientific - Engineering
CT6/DEX

14,253

The System Iron-Cobalt-Aluminum, by
Werner Koster.
GERMAN, per, Arch fur Eisenh, Vol 7,
No 4, Oct 1933, pp 263-264.
NASA TT F-12,144

Sci-Mat
July 69

388,577

Trials to Determine the Convective Heat Transfer
Coefficients in Narrow Bricked Ducts, by H. H. Bohm.

GERMAN, per, Archiv fur Eisenhüttenwesen, Vol. VI,
No 4, 1933, pp 423-431.

SCOW

Sci - Engr
Aug 63

Permeability of Steel to Hydrogen at 1300-1830° F. by
C. Lewkonja, W. Baukloh.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VI, No 10,
1933.

Brutcher Tr 945

Scientific - Min/Metals

~~12, 746~~ 14, 419

Relation Between Thermal Stresses and Strength
Properties of Steel, by H. Buchholz, H. Buhler,
12 p.

GERMAN, per, Archiv fur das Eisenhuettenwesen,
1933, Vol VI, No 8, pp 335-340.

SLA 59-20590.

Sci
Mar 60
Vol 3, No 1

110, 997

Combined Effect of Thermal and Transformation Stresses
in Quenched Steel, by Hans Buhler, Erich Schoil,
10 p.

GERMAN, per, Archiv fur das Eisenhüttenwesen, 1933,
Vol VI, No 7, pp 283-288.

SLA 59-20822

Sci
Mar 60
Vol 3, No 1

110, 999

Schwarz, Carl, Schröder, Ernst, and Leiber, G.
MANGANESE EQUILIBRIUM AND PHOSPHORUS
EQUILIBRIUM IN OPEN HEARTH FURNACE IN LIGHT
OF RECENT TEMPERATURE MEASUREMENTS, I.
[1963] [18]p. 15 refs.

Order from SLA \$1.60

63-16772

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1933 [v. 7, no. 3] p. 165-174.

DESCRIPTORS: Temperature, Measurement, Open
hearth furnaces, *Phosphorus, *Manganese, Chemical
equilibrium, Steel, Slags.

(Metallurgy, TT, v. 10, no. 8)

63-16772

I. Schwarz, C.
II. Schroder, E.
III. Leiber, G.

Office of Technical Services

Effect of Absorption ~~of~~ of Oxygen and Nitrogen in
Fusion Welding, by E. Plowarsky, W. Kleinfenn

GERMAN, per, Archiv Eisenhüttenwesen, Vol VII, 1933-
1934, No 3, pp 205-208.

Brutcher Order No 927
Price \$4.80

Scientific - Metallurgy

1392

Schwarz, Carl.
MANGANESE EQUILIBRIUM AND PHOSPHORUS
EQUILIBRIUM IN OPEN HEARTH FURNACE IN
LIGHT OF RECENT TEMPERATURE MEASURE-
MENTS, II. [1963] [6]p. [refs. footnotes omitted].
Order from SLA \$1.10 63-16773

Trans. of Arch[iv] für das Eisenhüttenwesen (Germany)
1933, v. 7, no. 4, p. 223-227.

DESCRIPTORS: Temperature measurement, Open
hearth furnaces, *Phosphorus, *Manganese, Chemical
equilibrium, Slags, Nomographs.

(Metallurgy, TT, v. 10, no. 8)

63-16773

I. Schwarz, C.

Office of Technical Services

Design and Operation of a Vacuum High-Frequency
Furnace, by W. Bottenberg, UNCLASSIFIED

GERMAN, Archiv Eisenhüttenwesen, Vol 7, 1933,
No 4, pp 233-236.

Brutcher Order No 83

Scientific - Metallurgy, furnace

February 1953

Solubility of Hydrogen and Nitrogen in Iron-
Molybdenum Alloys, by A. Sieverts, K. Bruning.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VII,
1934.

Brutcher Tr No 692

Scientific - Min/Metals

\$4.50

16,668

Metallurgy of Crucible Melting Process, by P. Barden-
heuer, W. Bottenberg.

GERMAN, par, Archiv Eisenhüttenwesen, Vol VII, 1934.

Brutcher Tr 181

Scientific - Min/Metals

\$3.40

12,935

~~12,935~~

The Influence of the Conditions of Quenching on the Internal Stresses of Steels, by H. Buhler, E. Scheel, 15 pp.

GERMAN, per, Archiv fur das Eisenhüttenwesen, Vol VII, No 6, Dec 1933, pp 359-363.

S.L.A. No 179/1956

Scientific - Minerals/metals

34,402

Residual Stresses in Heat Treated Hollow Steel
Cylinders, by Herbert Buchholz, Hans Buhler, 12 p.

GERMAN, per, Archiv fur das Eisenhuettenwesen, 1933,
Vol VII, No 5, pp 315-317.

ELA 59-20591

Sci
Mar 60
Vol 3, No 1

119,998

Neumann, Gustav.

DATA FOR SAVING GAS BY PREHEATING. Rept.
no. 185 of the Wärmestelle [Fuel Section] of the
Verein Deutscher Eisenhüttenwesen. [1961] [9]p.
Order from SLA \$1.10

61-18501

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1933/34, v. 7, July, p. 37-39.

DESCRIPTORS: *Blast furnaces, Operation, Exhaust
gases, Air, *Heat transfer, Fuel consumption,
Temperature, Combustion, Gases. Economics.

(Unannounced)

61-18501

I. Title: Recuperators
1. Neumann, G.
II. Title: Verein...

184072

Office of Technical Services

Article to Determining the Convective Heat Transfer
Coefficients in Narrow Bricked Ducts, by K. H. Rahm.

GERMAN, per, Archiv für Maschinenbauwesen, Vol VI,
No 4, 1933, pp 423-431.

SOON

Sci - Eng
Aug 63

341,373

On the Dephosphorization of Steel Baths, by
H. O. von Samson-Himmelstjerna.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VI,
No 11, 1932-1933, pp 471-475.

Brutcher Tr 134
\$3.80

Scientific - Minerals/Metals

CTS 69/Jun 55

24,642

The System of Iron-Cobalt-Alumium, by
W. Koster.

GERMAN, per, Archiv fur Eisenhutten-
wessen, Vol 7, No 4, Oct 1933,
pp 263-264.

*NASA TT F-12,144

Sci-Mat
Feb 69

Influence of Cold-drawn Reduction Upon the Stresses in
Round Bars, by H. Buhler, H. Buchholz.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VII, 1934.

Brutcher Tr No 1220

16,706

Scientific - Min/Metals

\$3.73

Effect on Stresses in Circular Bars on the
Reduction in Area Due to Cold Drawing, by
Hans Buhler, Herbert Buchholz, 9 p.

GERMAN, per, Archiv für das Eisenhüttenwesen,
1934, Vol VII, No 7, pp 427-430.

SLA 59-20593

Eci
Apr 60
Vol III, No 2

113,592

On the Melting of Steels in Vacuo, by W. Eilender
A von Bohlen und Halbach, O. Meyer

GERMAN, per, Archiv Eisenhüttenwesen, Vol VII,
1933-34, No 9, pp 493-497.

Butcher Order No 64

Price \$3.70

Scientific - Metallurgy

1390

Influence of Nonmetallic Nuclei Upon the Graphite
Structure of Cast Iron. Hereditary Phenomena in
Cast Iron and Their Causes, by O. von Keil et al.

GERMAN.

~~RUSSIAN~~, Archiv Fur Das Eisenhüttenwesen, Vol 7,
1933-34, No 10, pp 579-584.

Brutcher Tech Tr No 24

Concentration and the Formation of Metal Carbides, by I. Gaeff.

GERMAN, per. Arch Eisenh. No 7, 1934, pp 587-588.

*NBS TT 70-57483

Sci-Mat

Aug 70

Notch Sensitivity of Steels, by August Thum, Walter
Buchmann, 20 pp.

GERMAN, per; Archiv ^e für ^{es} Eisenhüttenwesen, Vol VII,
May 1934, pp 627-632.

S.L.A. Tr 548/56

Sci - Minerals/Metals

37,138

Aug 1956

Precipitation Hardening of Iron-Chromium-
Molybdenum and Iron-Chromium-Tungsten Alloys,
by Erich Scheil, Klaus Bischoff, Hermann Ernst
Schulz. 6 p.

GERMAN, per, Arch fur das Eisenhüttenwesen, 1934,
Vol VII, No 11, pp 637-640.

SLA 59-20423

Sci
Mar 60
Vol 2, No 12

109,231

Influence of Reduction in Drawing and of Tempering Upon
Internal Stresses in Steel Wire, by H. Buhler, W. Pungel.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII, 1934.

Brutcher Tr No 242

16,730

Scientific ~~Min~~/Metals

\$3.25

Manufacture of Tool Steel in Coreless Induction
Furnace, by P. Bardenheuer, W. Bottenberg.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII,
1934.

Brutcher Tr 183

Scientific - Min/Metals

\$3.55

12,936

~~12,952~~

Influence of Tempering Upon Quenching Stresses in
Steel, by H. Buhler, H. Buchholtz.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII, No 3,
1934.

Brutcher Tr No 1933

16,705

Scientific - Min/Metals

\$3.60

Spectroanalytical Studies of Flakes in Cr-Ni
Steels, by H. Esser, W. Kilender, A. Bungaroth.

GERMAN, Archiv Eisenhüttenwesen, Vol VIII, 1934.

Erutcher Tr 191

\$1.80

Scientific - Minerals/Metals

17,018

Properties of Chrome-Manganese and Chrome-Nickel-
Manganese Stainless Steels, by I. S. Gunzburg et al.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII, No 3,
IX 1934 - 1935, pp 121-123.

Brutcher Tr 686

Scientific - Minerals/Metals
CTS/DEX Price \$1.90

9562

The System Iron-Nickel-Molybdenum, by Werner Koster,
5 p.

GERMAN, per, Arch fur das Eisenhuttewesen, 1934,
Vol VIII, No 4, pp 169-171.

SLA 59-20055

Sci
Mar 60
Vol 2, No 12

109,243

Burchartz, Heinrich and Delsa, Eugen.
THE BEHAVIOUR OF SULPHIDES OF BLAST
FURNACE SLAG IN CEMENT MORTAR AND CON-
CRETE. 12 Mar 35 [17p] 10refs
Order from SLA \$1.60

TT-64-14297

Trans. of Archiv für das Eisenhüttenwesen (Germany)
1934, v. 8, no. 5, p. 181-186.

DESCRIPTORS: *Concrete, *Mortar, *Cements, Slags,
Blast furnaces, *Sulfides, Chemical reactions.

(Materials, TT, v. 11, no. 10)

TT-64-14297

I. Burchartz, H.
II. Delsa, E.

Office of Technical Services

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII,
1934.

Combined Effect of Thermal and Transformation
Stresses in Quenched Hollow Steel Cylinders,
by Hans Buhler, Erich Scheil, 10 p.

GERMAN, per, Archiv für das Eisenhüttenwesen
1934, Vol VIII, No 5, pp 219-222.

SLA 59-20589

Sci

113 591

Behavior of Sulphides of Blast Furnace Slag in
Cement Mortar and Concrete, by E. Burchardt,
H. Deiss.

GERMAN, Archiv Eisenhüttenwesen, Vol. VIII, No 5,
1934.

Dreischer Fr 1847

\$6.70

Scientific - Minerals/Metals

17,023

Equilibrium $\text{FeS} + \text{H}_2 = \text{H}_2\text{S} + \text{Fe}$ at High Tempera-
tures, by O. Meyer, P. Schulte, 2 $\frac{1}{2}$ pp.

German, per, Archiv fuer das Eisenhuettenwesen,
Vol VIII, No 5, Duesseldorf, Nov 1934.

Dept of Interior
US Bur of Mines
Central Experiment Station
Pittsburgh, Pa. Tr 78

Sci - Engr

87, 572

May 59

Influence on Impact-Notch Strength of the
Impurities in Commercial Steels, by
Gerhard Schmidt, 17 pp.
GERMAN, per, Archiv fur das Eisenhüttenwesen,
Vol VIII, No 6, 1934/35, pp 263-267.
Dept of Navy 4887/NRL 1964

Sci - Materials
Sept 66

305,675

Aluminum as Addition ~~E~~ to Hot Dip Galvanizing
Baths, by H. Rablik, F. Gotzi.

GERMAN, Archiv Eisenhüttenwesen, Vol XVII, Nos 5, 6,
1934.

Brutcher Tr 1690

Scientific - Min/Metals

\$3.75

12,985



Study of Diffusion of C, Si and Mn, in Solid
and Liquid Iron, by M. Paschke.

GERMAN, per, Arch. Eisenh., 9, 1935,
pp 305-309.

*NBS TT 70-57364

Sci-Mat
Aug 70

Role of Time Study in Plant Management and Industrial Accounting, by H. Euler, 18 pp.

GERMAN, per, Arch Eisenhüttenw, Vol VIII, No 7, Jan 1935, pp 319-324.

SLA 57-2443

EEur - Germany
Econ
May 58

63,152

The Influence of Nitrogen and Oxygen on
the Mechanical Aging of Steel, by W.
Eilender, H. Cornelius, and H. Knupper,
6 pp. 1

GERMAN, per, Arch Eisenhüttenwesen, Vol VIII,
No 11, May 1935, pp 507-509.

SLA Tr 57-2114

Sci

Jul 58

68,033

V
Influence of Shape of Die Upon Internal Stresses and
Mechanical Properties of Cold-drawn Steel Bars, by
H. Buhler.

GERMAN, per, Archiv Eisenhüttenwesen, Vol VIII, 1935.

Brutcher Tr No 1142

16,732

Scientific - Min/Metals

\$2.30

The System Iron-Cobalt-Titanium, by
Werner Koster.
GERMAN, per, Arch fur Eisenh, Vol 8,
No 10, Apr 1935.
NASA TT F-12,143

Sci-Mat
July 69

388,579

Optical Temperature Measurements of Liquid Iron and
Steels, by F. Blaurok.

RMK
GERMAN, Archiv Eisenhüttenwesen, Vol VIII, 1935,
pp 517-532.

Brutcher Tr No 279

Scientific - Min/Metals

14,926

\$14.70

Errors in Temperature Measurements With Thermo
Elements and Protective Tubes, by H. Euler, K.
Guthmann, 46 pp.

GERMAN, per, Arch. Eisenhuttew., Vol IX, No 2,
Aug 1935, pp 73-90.

SLA Tr 57-1389

Sci-Phys
Feb 58

58,177

Decarburization of Some Alloy Steels by Hydrogen, by
W. Baukloh, H. Guthmann.

GERMAN, per, Archiv Eisenhüttenwesen, Vol IX, 1935.

Brutcher Tr 921

Scientific - Min/Metals

\$1.60

12,744

Mode of Action of Etching Reagents for Carbides, by
E R. Mitsche.

GERMAN, per, Archiv Eisenhüttenwesen, Vol IX,
1935.

Brutcher Tr 1314

13,024

Scientific - Min/Metals

~~Loose/Labels~~

\$2.35

Influence of Uranium ⁿ on the Structural Properties
Hardening and Retention of Hardness of Unalloyed
Steels, by H. Bennek, G. G. Holzschleiter, 16 pp.

GERMAN, per, Arch Eisenhuttew, Vol IX, 1935,
pp 193-200.

AEC NP 117

Sci - Phys

Oct 58

74,596

Decarburation De Quelques Aciers Allies Par L'Hydrogene.
(Decarbonization of Some Steels Combined With Hydrogen),
by W. Baukloh, H. Guthmann, 10 pp.

FRENCH from GERMAN, per, Arch Eisenhüttenw, Vol IX,
1935, pp 201, 202.

Reverse Translation
AEC/CEA-Tr-A494

Kessner, A. and Specht, H.
THE EFFECT OF COLD DRAWING UPON THE WELD-
ING PROPERTIES OF BARE STEEL ELECTRODES.
[1962] 15p.
Order from SLA \$1.60

62-18933

Condensed trans. of Arch[iv für das] Eisenhüttenw[esen]
(Germany) 1935, v. 9, no. 5, p. 231-239.

DESCRIPTORS: Electrodes, *Steel, Cold-working,
*Welding, *Welded joints, Mechanical properties.

(Metallurgy, TT, v. 9, no. 6)

62-18933

I. Kessner, A.
II. Specht, H.

Office of Technical Services

Revision of Wage Payment, by Willibald Hertenroth,
13 p.

GERMAN, per, Archiv für das Eisenhüttenwesen, 1935,
Vol IX, No 5, pp 267-272.

SLA 59-20410

Sci
Mar 60
Vol 2, No 12

109,275.

Decarburization of Some Alloy Steels by Hydrogen,
by W. Baukloh, H. Guthmann.

GERMAN, per. Archiv Eisenhüttenwesen, Vol IX, 1935.

Brutcher Tr No 921

Scientific - Min/Metals

\$1.60

14,148

The Grading of Ball Race Steels by the Inclusion
Content, by H. Diergarten.

GERMAN, per, Arch Eisenhüttenw, Vol V, 1936,
pp 197-210.

The Iron and Steel Institute
Tr No OT/125 431

Scientific - Physics, metals, steel, inclusion

Index Aeronauticus

Quantitative Determination of Chromium and Tungsten,
in Cr-W Steel., by L. Stahl, F. Bischof,

GERMAN, per, ^{Archiv} Eisenhüttenwesen, Vol IX, 1936.

Brutcher Trans, Order No 440
\$1.80

Scientific - Min/Metals

15,199

Progress in the Analysis of Steel and Ferro-
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DESCRIPTORS: *Open hearth furnaces, Temperature,
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